

IN THE CLAIMS

Please amend the claims as follows:

1. (original) A conductor material for LEDs for improving the light outcoupling, wherein

- the conductor material is selected from the group comprising hole conductor material, electron conductor material and/or emitter material,
- the conductor material comprises at least one conductive fluorinated organic substance having at least one fluorinated alkyl substituent, one fluorinated alkenyl substituent and/or one fluorinated alkynyl substituent, wherein at least two fluorine atoms are bonded to at least one carbon atom of the fluorinated substituent, and
- the conductive fluorinated organic substance has a refractive index of  $\geq 1.30$  and  $\leq 1.55$ .

2. (original) A conductor material as claimed in claim 1, wherein the fluorinated substituent is a linear or branched alkyl, alkenyl and/or alkynyl substituent.

3. (currently amended) A conductor material as claimed in claim 1-~~or 2~~, wherein  $C_m F_m + X$  applies in respect of at least one fluorinated substituent, in which

$m = 1$  to 20, preferably  $m = 2$  to 16, more preferably  $m = 4$  to 12; and

$X = 1$  to  $m+1$ , with  $m$  being an integer.

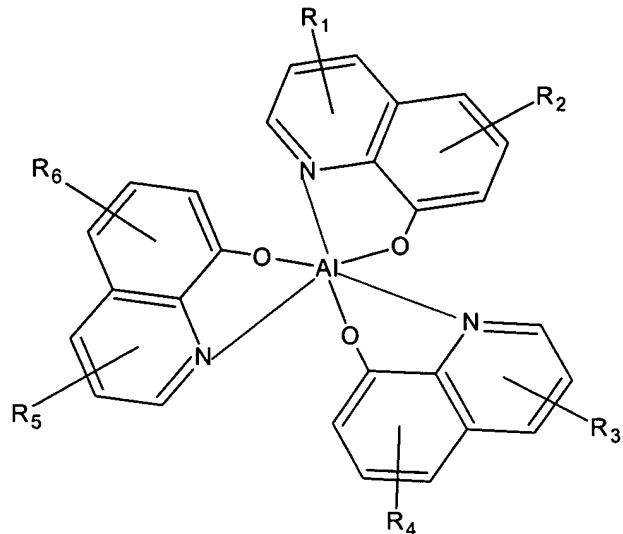
4. (currently amended) A conductor material as claimed in ~~any of claims 1 to 3~~ claim 1, wherein the conductive fluorinated organic substance is a monomer, oligomer or polymer, the conductive fluorinated substance preferably comprising conjugated double and/or triple bonds and preferably having a molecular weight of  $\geq 100$  and  $\leq 300,000$ .

5. (currently amended) A conductor material as claimed in ~~any of claims 1 to 4~~, claim 1 wherein the conductive fluorinated organic substance is selected from the group comprising aryl compounds, perfluorinated adamantane, triphenylamine compounds, carbazole compounds, oxadiazole compounds, triazole compounds, triazine compounds, fluorene compounds, hexaphenylbenzene compounds, phenanthroline compounds, pyridine compounds, polyfluorene with perfluorinated side chains, conjugated polymers, poly-para-phenylene vinylene (PPV), polyvinylcarbazole, metal complexes, in particular metal complexes comprising Al, Ga and/or Zn as metal ion, quinoline compounds, acetylacetone compounds, bipyridine compounds, phenanthroline compounds and/or metal complexes comprising carboxylic acids as ligand.

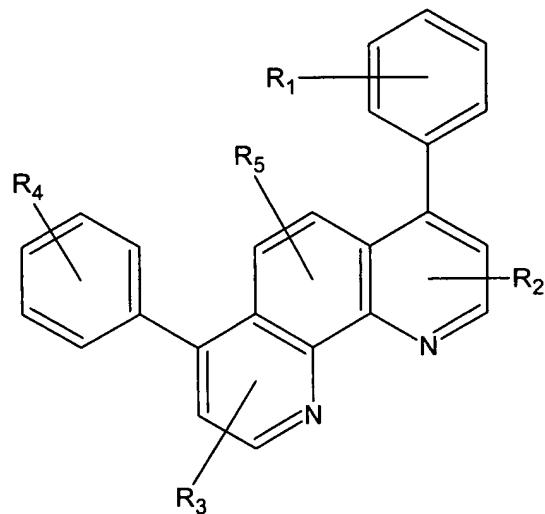
6. (currently amended) A conductor material as claimed in ~~any of claims 1 to 5~~ claim 1, wherein the conductive fluorinated organic substance preferably has a refractive index of  $\leq 1.50$ , more preferably a refractive index of  $\leq 1.45$ , even more preferably a refractive index of  $\leq 1.40$ , particularly preferably a refractive index of  $\leq 1.39$  and most preferably a refractive index of  $\leq 1.37$ .

7. (currently amended) A conductor material as claimed in ~~any of claims 1 to 6~~ claim 1, wherein the conductive fluorinated

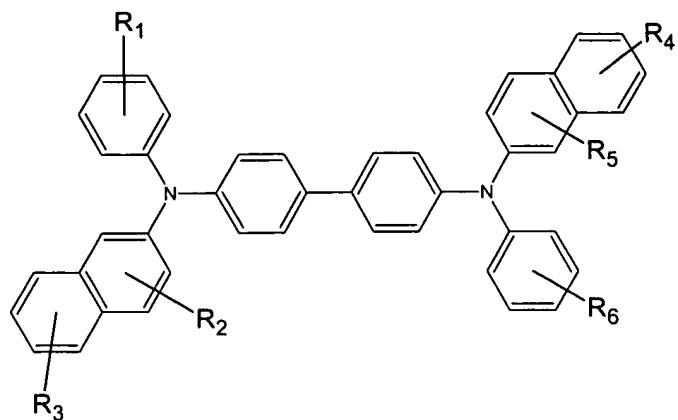
organic substance is selected from the group comprising at least one compound having one of the following structural formulae I to XX:



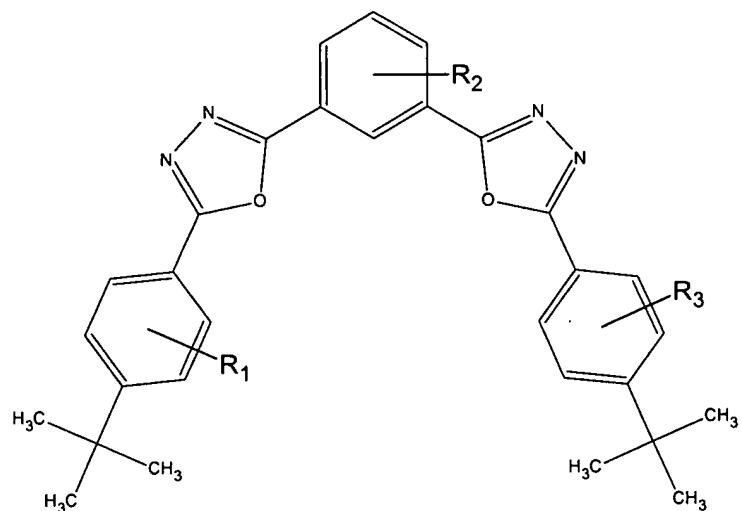
Formula I



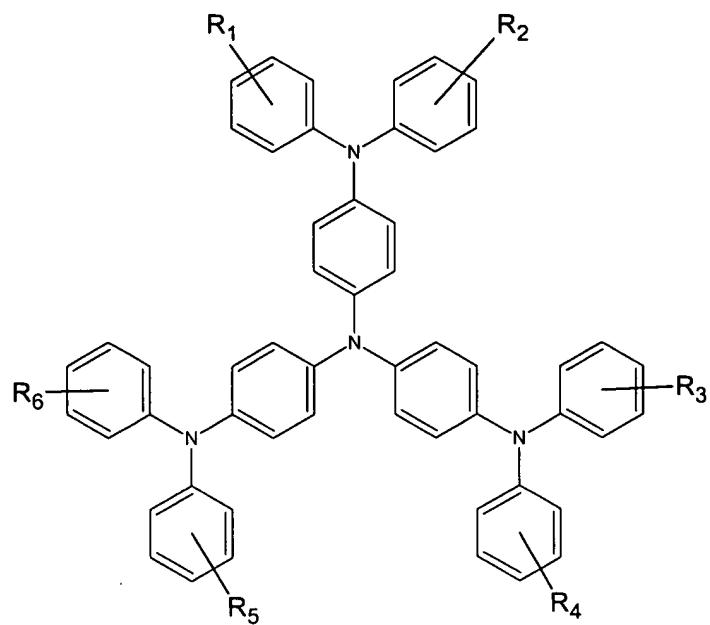
Formula II



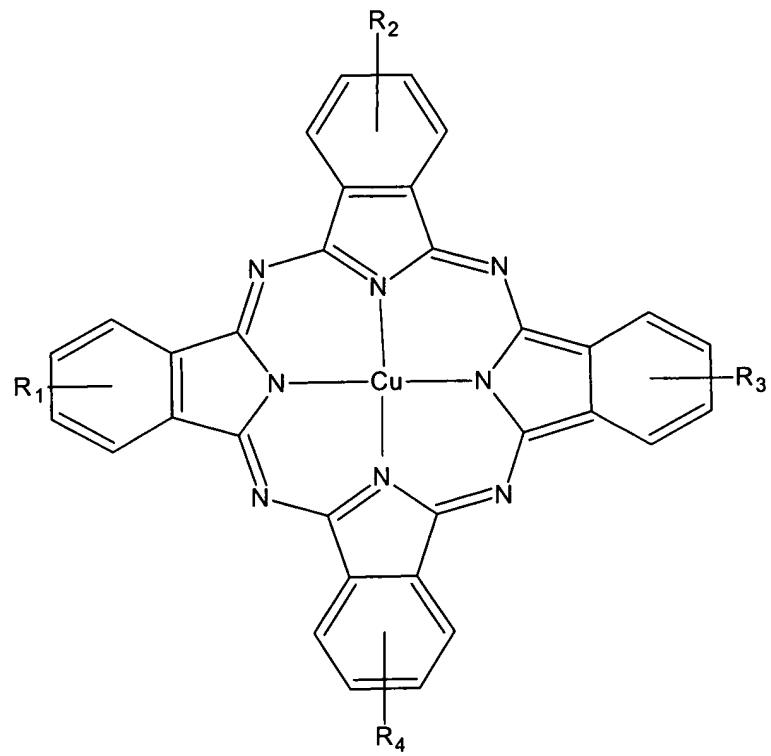
Formula III



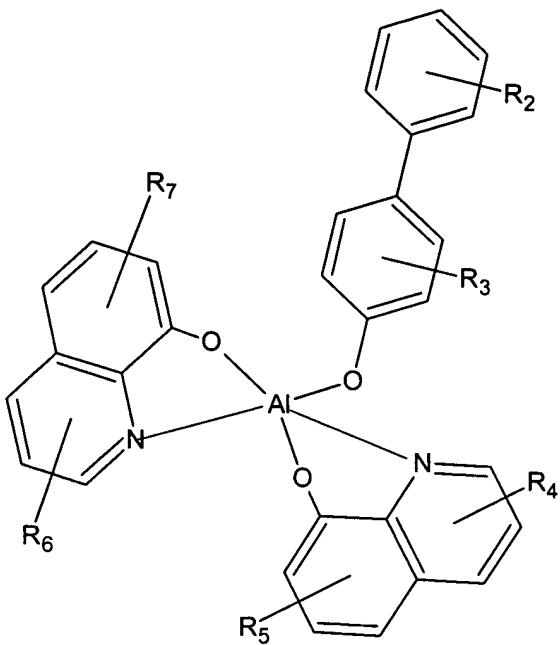
Formula IV



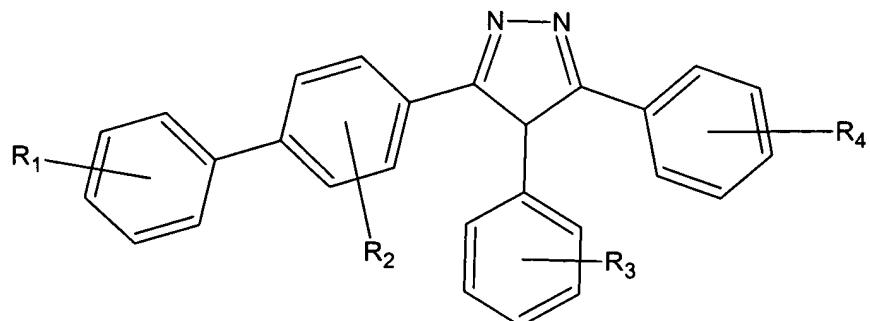
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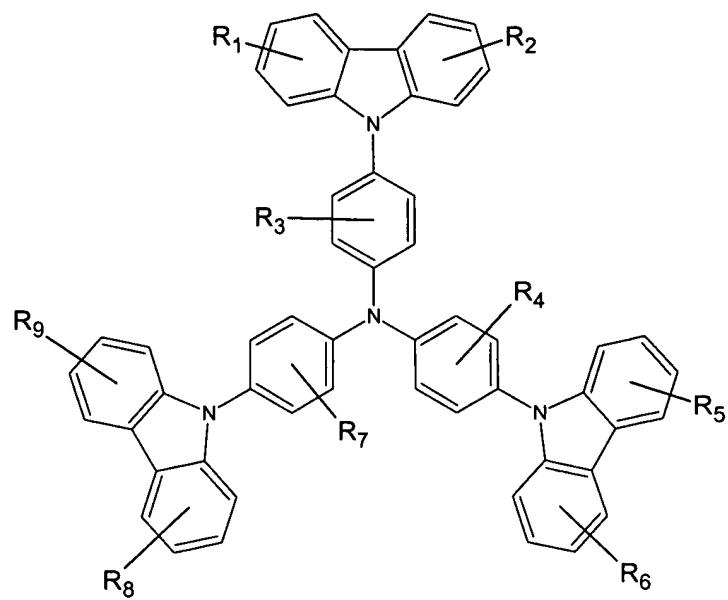
Formula VI



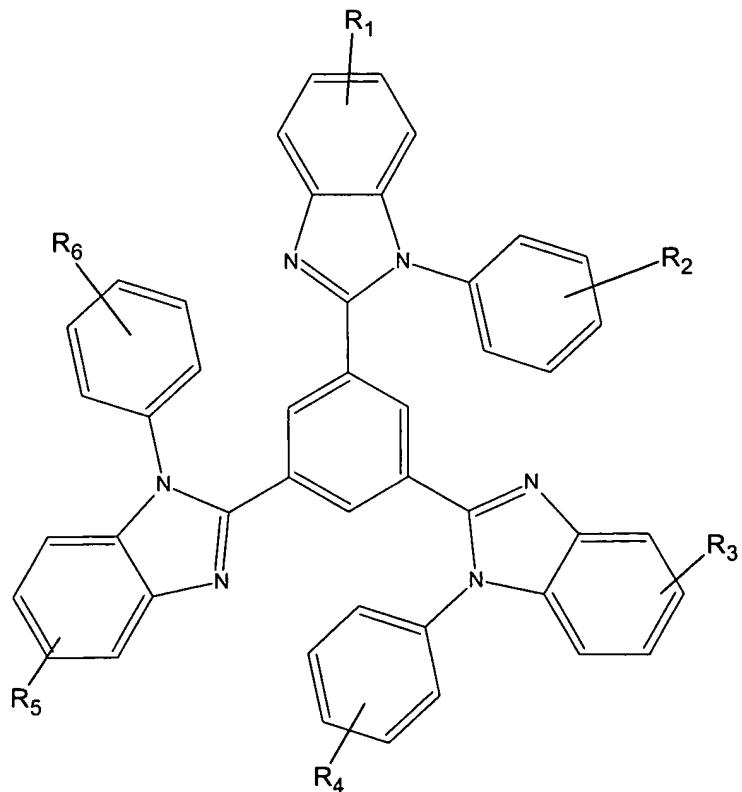
Formula VII



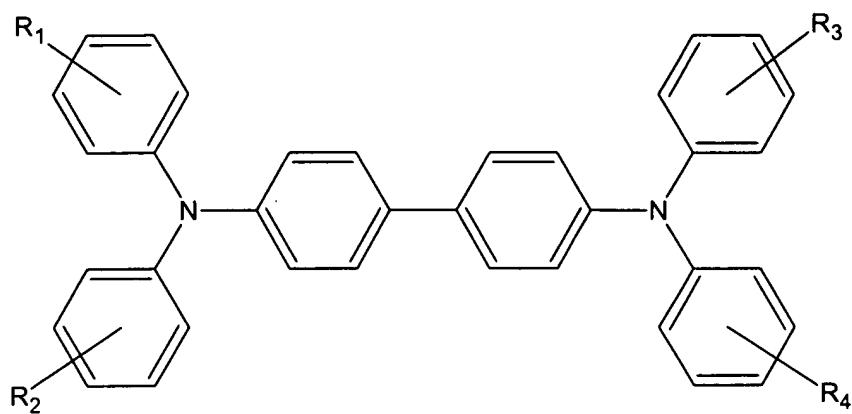
Formula VIII



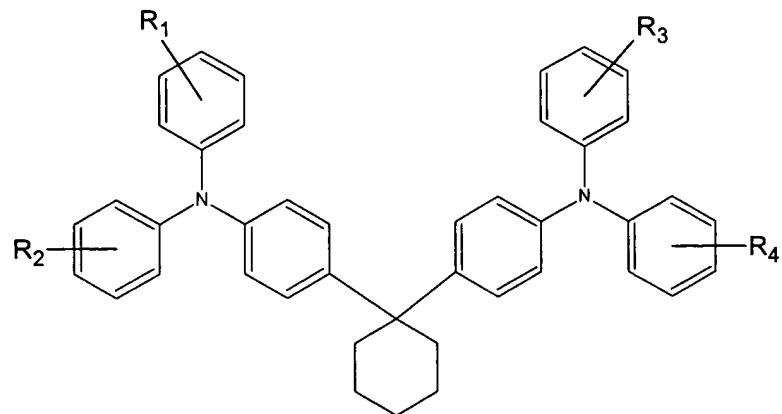
Formula IX



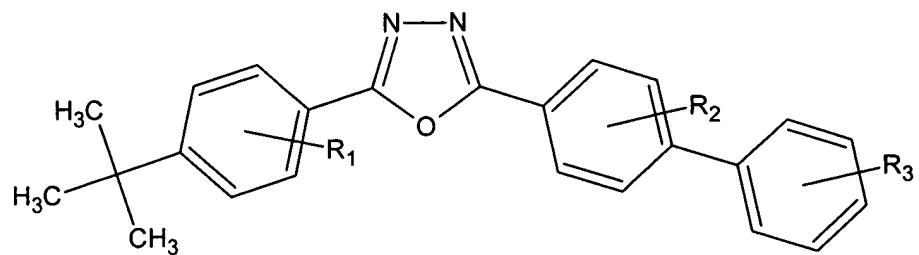
Formula X



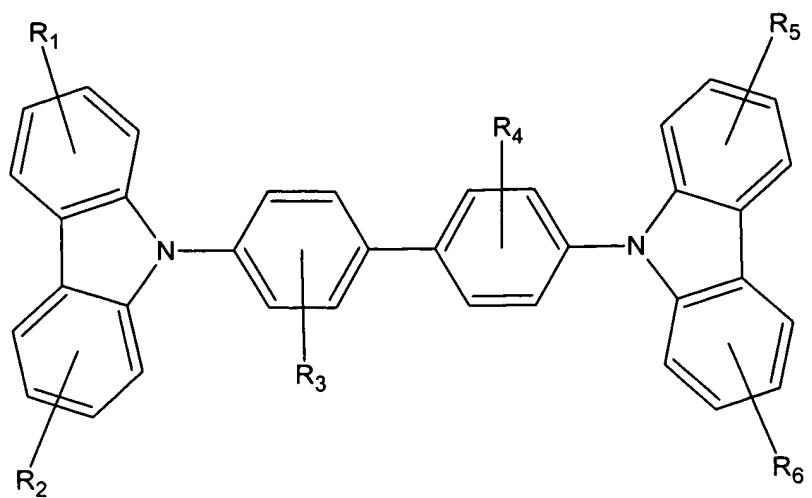
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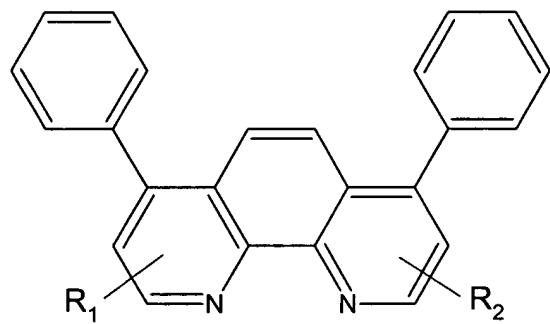
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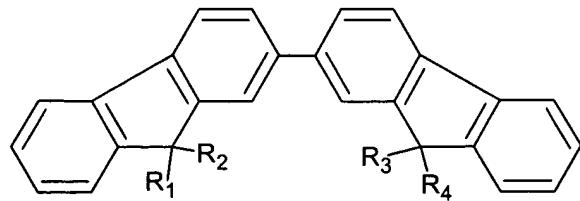
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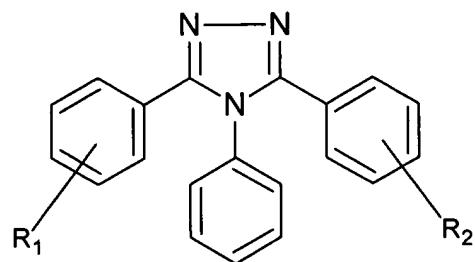
Formula XIV



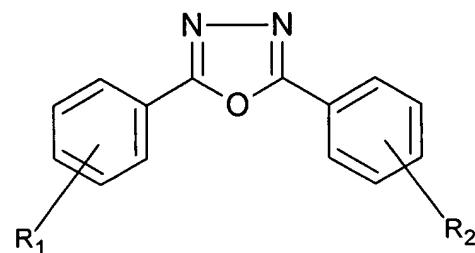
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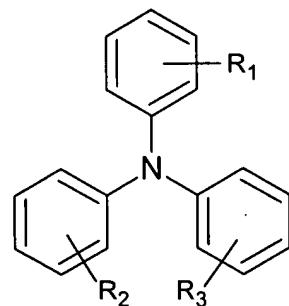
Formula XVI



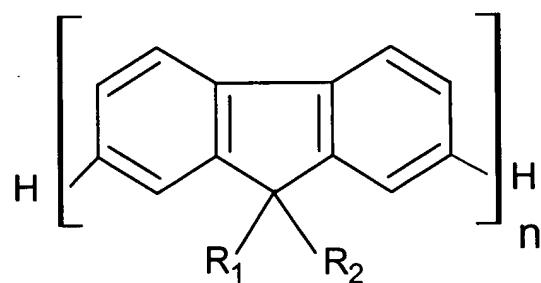
Formula XVII



Formula XVIII



Formula XIX

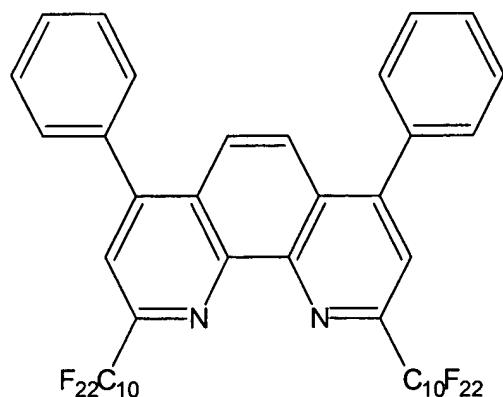


Formula XX

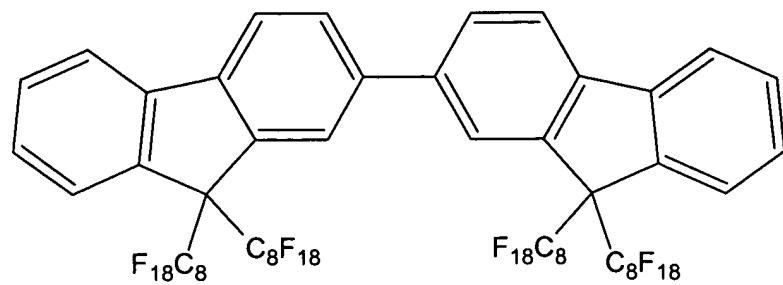
in which R1, R2, R3, R4, R5, R6, R7, R8 and R9 are at least partially identical or different and are selected from the group comprising hydrogen, hydroxyl, alkyl, alkenyl, alkynyl, alkoxy, aryl, alkylene, arylene, amines, halogen, carboxylate derivatives, cycloalkyl, carbonyl derivatives, heterocycloalkyl, heteroaryl, heteroarylene, sulfonate, sulfate, phosphonate, phosphate, phosphine and/or phosphine oxide, wherein at least one R1, R2, R3, R4, R5, R6, R7, R8 and/or R9 represents a fluorinated alkyl substituent, a fluorinated alkenyl substituent and/or a fluorinated alkynyl substituent in which at least two fluorine atoms are bonded to at least one carbon atom; and

in which n = 1 to 10,000,000, preferably 10 to 1,000,000, more preferably 100 to 500,000, even more preferably 500 to 250,000, particularly preferably 1000 to 100,000 and most preferably 5000 to 50,000.

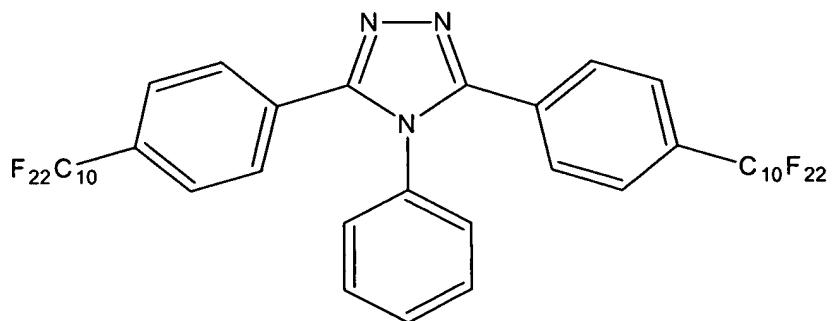
8. (currently amended) A conductor material as claimed in any  
~~of claims 1 to 7 claim 1~~, wherein the conductive fluorinated  
organic substance is selected from the group comprising at least  
one compound having one of the following structural formulae XXI to  
XXVI:



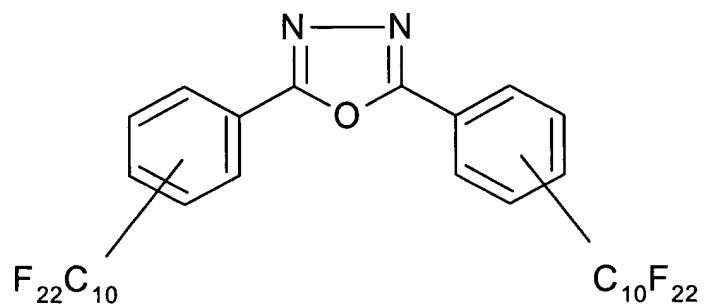
### Formula XXI



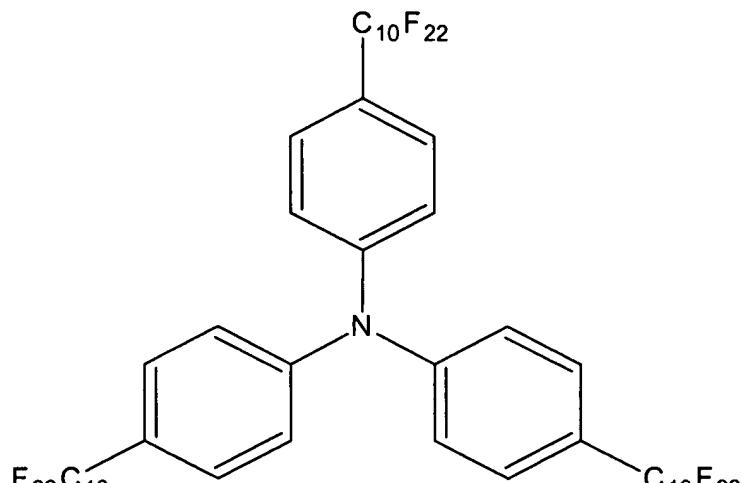
Formula XXII



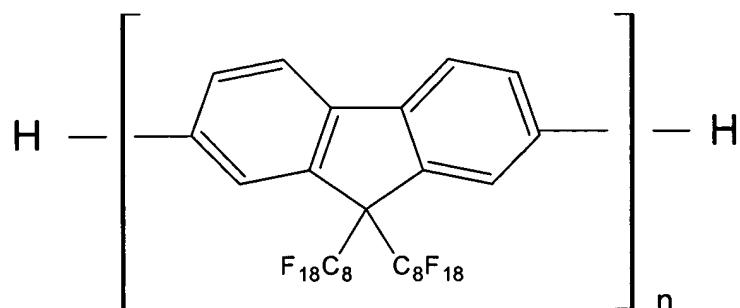
Formula XXIII



Formula XXIV



Formula XXV



Formula XXVI

in which  $n = 1$  to  $10,000,000$ , preferably  $10$  to  $1,000,000$ , more preferably  $100$  to  $500,000$ , even more preferably  $500$  to  $250,000$ , particularly preferably  $1000$  to  $100,000$  and most preferably  $5000$  to  $50,000$ .

9. (currently amended) A diode, in particular an organic light-emitting diode (OLED) or polymer light-emitting diode (polyLED), comprising one or more layers having a refractive index of  $\geq X$  and  $\leq 1.5$  and/or one or more layers which comprise at least one

conductive fluorinated organic substance as claimed in ~~any of the~~  
~~preceding claims 1 to 8~~ claim 1.

10. (original) A luminous means comprising at least one diode, in particular an OLED and/or polyLED as claimed in claim 9.